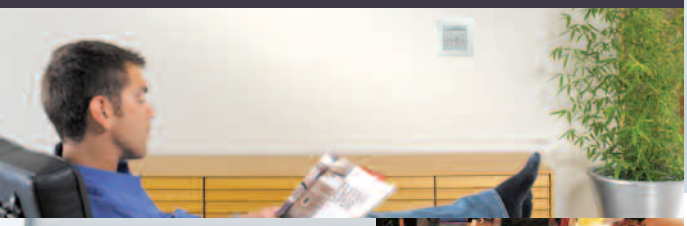
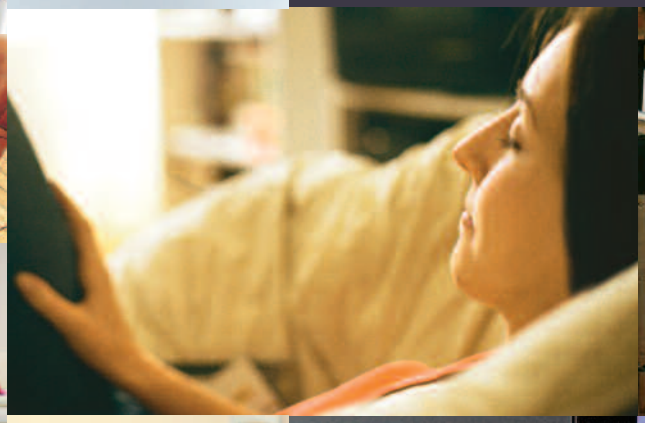
YAMAHA

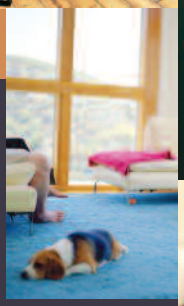
imagine



MusicCAST

MUSIC MANAGEMENT & DISTRIBUTION SYSTEM





wireless, wired and in-wall solutions

MusicCAST

MusicCAST System Components:

MCX-2000
Digital Audio Server

The powerful and versatile MusicCAST server is able to store a family's entire music library and broadcast individual selections to any location within your home. It's high capacity hard drive will hold up to 2000 hours of music. For added music dimension, the server is also XM-Ready*, and offers Internet Radio Compatibility as well as a built-in FM Tuner.

MCX-A10
Digital Audio Terminal

MCX-C15
Distributed Audio Controller

MusicCAST clients are used to retrieve all music from the MCX-2000 server, providing instant access to your stored music collections, XM Satellite Radio®, FM broadcasts and Internet anywhere within your home via wireless, wired or in-wall clients.

MCX-CA15S
Audio Amplifier

This in-wall mountable amplifier is a perfect match for the MCX-C15 in-wall controller, providing high quality power to your speakers and subwoofer output while providing a connection to power your external portable music players.

2000 HOURS OF MUSIC

PERSONALIZED PLAYLIST

gracenote cddb CD DATABASE

EASY SETUP

MUSIC CONTENT MANAGEMENT

VINYL/CASSETTE ARCHIVING

MUSIC MANAGEMENT & DISTRIBUTION SYSTEM

INTERNET RADIO

PC CONTENT COMPATIBLE

CONTENT ACCESS 16 LOCATIONS

BROADCAST PLAY TO ALL CLIENTS AT ONCE

XM READY

MusicCAST … truly a glimpse into the reality of how families will enjoy their music in the future. Whether your needs include wireless, wired or in-wall solutions … and your desired sources include your own stored music, XM Satellite Radio, Internet Radio or FM broadcasts, the MusicCAST system has the flexibility to meet your family's requirements.

XM and XM-Ready are registered trademarks of XM Satellite Radio Inc. Hardware and required monthly basic subscription sold separately. XM Connect and Play™ antenna required to receive XM service (sold separately). XM service not available in AK and HI.

imagine:

With the MusicCAST system everyone in your family can store their CD collection in one central location, easily create playlists and custom CDs, even preserve vintage vinyl records as digital files, then transmit them anywhere in your home wirelessly. In addition to your stored music, more music sources are now available to you through the new MCX-2000 server, including XM Satellite Radio®, Internet Radio and FM broadcasts.

MusicCAST, the only music source your family needs.

imagine:

Easier, more convenient music management
for your entire family…
no matter how diverse their musical tastes.

MusicCAST

MUSIC MANAGEMENT & DISTRIBUTION SYSTEM

wireless, **wired** and **in-wall** solutions

Imagine the possibilities in your home …

MCX-C15 / MCX-CA15S

Distributed Audio Controller / Audio Amplifier

In-wall mountable Clients add versatility to the MusicCAST system with convenient features such as favorite buttons and IR pass-through support. The multi-purpose in-wall amplifier is a perfect match for the in-wall controller, providing high quality power to your speakers.

MCX-2000

Digital Audio Server

Personalized music enjoyment has never been easier or more convenient. Now finding your favorite CDs or accessing XM Satellite Radio, Internet Radio or even your favorite FM stations is a breeze and at your fingertips… With this advanced, versatile new music server you now have total control over your family's entire music collection and more…

MCX-A10

Digital Audio Client

Clients are used to retrieve music content stored on, or streamed from the MusicCAST server, providing instant wireless access to music in any location within your home.

imagine:

MCX-2000

Digital Audio Server

create your own CDs

With the high-quality built-in CD recorder, you are able to save your favorite music to the server at lightning fast speed, create your own music CD compilations or play back your collection of MP3s on CD.

in tune, in control and completely in love … with your music

personal digital jukebox

Capable of storing 2000* hours, the server's self-contained 160GB hard drive has the ability to provide instant access to a vast selection of digital music. Music is saved to the hard drive in its original quality from CDs or external inputs, and then converted to MP3 (160k / 256k / 320kbps compression rates) for broadcasting to clients.

*2000 hours in MP3 format

instant music information

Built-in CD recognition database provided by Gracenote CDDB®, features full on-screen display of information, such as, artist, album and track names along with music genre. With internet access the latest CD recognition data is available from the Gracenote CDDB Server.

The Gracenote logo, logotype, and CDDB are registered trademarks of Gracenote Music Recognition Service.

versatile radio capabilities

The MCX-2000 is the perfect match for a radio enthusiast, with XM-Ready*, Internet Radio and a built-in FM tuner this system offers a vast selection of music content for anyone anywhere in your home.

PC Content Playback

The MCX-2000 broadens music enjoyment with the ability to play back music files from a PC using Digital Living Network Alliance (DLNA)* compatibility. Edit library items using the PC web browser.

*Requires Windows® PC running Windows XP®.

The MCX-2000 rear panel offers optical digital input/output terminals, analog audio input/output terminals, FM antenna terminal, XM Connect & Play terminal, Wireless-LAN antenna, composite and S-Video terminals, LAN terminal, remote control IR input port, RS-232C interface for custom applications and detachable power cable.

digital music management

comprehensive design meets simplicity

user friendly

With a highly simplified graphical user interface and remote, the ability to organize and browse through your collection is right at your fingertips, giving family members easy access to all the features visually with an on-screen display

imagine:

Cookin' with your tunes …

It doesn't matter where you want to enjoy your music with MusicCAST …kitchen, garage or patio … every family member has independent access to any and all stored or streamed music when and where they want it.

MCX-A10
Digital Audio Terminal

16-zone multi-room music system

The server is able to send music to 16 different locations allowing up to an additional 15 independent clients (including 5 wireless clients) to be used with one server, giving your family members instant access to music anywhere around the house.

simply wireless

Equipped with the latest wireless network technology, up to 5 clients are able to play high quality music wirelessly from the server. Extended client range is achieved with the use of a wired Ethernet connection.

connection versatility

The MusicCAST MCX-A10 clients provide a vast assortment of connections including speaker outputs, left/right audio pre-outs, subwoofer output, and video output so that you can view the on-screen display on a larger monitor.

MusicCAST clients have high-powered built-in amplification that will work with the optional on-wall or desktop mountable MusicCAST speakers or virtually any type of speaker system… choose your style...

Shown with optional MCX-SP10 speaker system

wireless access

musical freedom no string attached

do it yourself installation and easy set up

Easily set up a sophisticated, secured wireless music distribution system. Just connect the audio and power cables, the system then automatically recognizes the music stored on the server providing music to anyone at anytime, anywhere within your home.

imagine:

more room for sound

The power of the MusicCAST music distribution system stylishly packaged into a wired, in-wall mountable client for even greater convenience and flexibility.

in-wall wired installation

Great control within reach, yet out of the way. Bring home the convenience of this highly simplified in-wall mountable MusicCAST client into your living environment. With a variety of installation configurations available, now every room in the house can be fully customized for you to enjoy the benefits of the MusicCAST music management and distribution system can provide.

favorites selection

Four assignable favorite buttons allow instant access to a variety of functions, including playlists, inputs or tuner presets from the MusicCAST server. Even when the MCX-C15 is in sleep mode, pressing a favorite selection give you instant music satisfaction.

The In/Out Box is the signal converter for the MCX-C15 that provides audio, on-screen display and IR pass-through so you can control external devices.*

MCX-C15

Distributed Audio Controller

In-wall mountable, network ready Clients add versatility to the MusicCAST system with great new features such as favorite button functions, IR pass-through support and Yamaha AV Link.

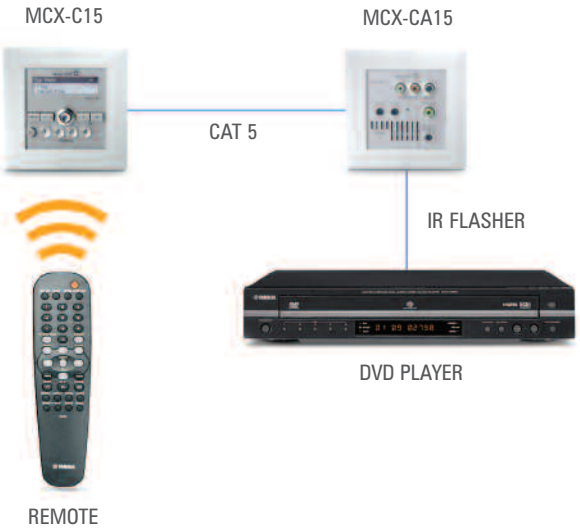
MCX-CA15S

Distributed Audio Amplifier

This multipurpose in-wall amplifier is perfectly matched for the MCX-C15 Client. It provides high quality power to speakers, as well as subwoofer output and video on-screen display outputs. This amplifier can also be integrated with an existing system to provide local amplification for any pre-amp signal in Stand Alone mode.

living space friendly

integrated musical environment



IR flasher support

The MCX-C15 supports IR remote transmission functions for custom installation to control other components. The IR signals are received by the controllers' sensor then transmitted to the MCX-CA15 or the In/Out Box to an IR flasher to repeat the signal for other components.*

• Optional IR Flasher required.
Operates devices on 38kHz modulation frequency.

imagine:

modern family; eclectic harmony

The MusicCAST system gives you the ability to connect up to

5 wireless clients + 10 wired clients + main server

a total of 16 available music locations throughout your home

MusicCAST … a revolutionary approach for music enjoyment in your home, from Yamaha. Whether you're entertaining throughout your entire house, creating custom playlists for the kids to enjoy through headphones on a wireless client, or simply calling up some old favorite songs on a "night out at home", MusicCAST makes it easier and more convenient than ever before.

Hailed by audio critics as the next big step in home audio technology and enjoyment, this unique Yamaha music storage, management and distribution system will bring your family years of pleasure, satisfaction and Yamaha quality.

MusicCAST … Imagine the possibilities in your home …

total family enjoyment

variety without compromise

SERVER

MCX-2000

- Server can control and broadcast music to 16 locations
  - 1 Server, 5 wireless and 10 wired Clients, up to a total of 15 clients
- Hard Drive:
  - 160 GB hard Drive
    - 2000 Hours in 160kbps compressed MP3 format
    - 200 Hours in LPCM original format
  - Upgradeable hard drive
- Playback:
  - Music by Artist, Album, Genre, Playlist or all songs
  - Compatible with CDs, CD-R/RW discs and MP3 CDs (created using PC)
  - Linear PCM format to one wireless client and 9 wired clients
- Recording:
  - Copy CD to hard drive in original format (Linear PCM)
  - Record External sources at 1x to the Hard Drive with analog or digital inputs
  - Create CDs with ease with the built in CD-Recorder
    - Hard Drive to CD-R / CD-RW (4x)
- Easy to use GUI (Graphical User Interface) with on-screen display
  - Broadcast Play control (Same song played on all clients)
  - Timer for Recording and Playback
- Built-in CD music recognition database provided by Gracenote CDDB®
  - With internet access, the latest CD recognition data is available from the Gracenote CDDB® Server
- Yamaha AV receiver control with RS-232C
  - Control: DSP, tuner, volume and other key receiver functions
- PS/2 connection port for Keyboard to edit text
- Headphone jack with level control
- IR remote control
- Connections:
  - Control IN
  - Detachable Power Cord
  - XM-Ready – Connect and play antenna port
  - FM Antenna port
  - Network:
    - Wireless IEEE 802.11b/g network protocol to communicate with clients
    - Ethernet connection for CAT-5 link:
      To connect wired Clients via Hub to Server
      To home network for internet access and internet radio
  - Audio
    - Input: Analog, Toslink digital
    - Output: Analog, Toslink digital
  - On-screen display output
    - S-video, Composite
- Dimensions (W x H x D): 17-1/8" x 3-3/4" x 16-1/16"
- Weight: 14.5 lbs.

CLIENT

MCX-A10

- High quality 34 Watt digital amplifier (17W/channel)
- Playback from server:
  - MP3 to all clients
  - Linear PCM format to one wireless client and 9 wired clients
  - Retrieve music by Artist, Album, Genre, Playlist or all songs
  - Access analog or digital external inputs from server
- Easy to read LCD display
- Timer functions:
  - Set time for Playback
  - Sleep timer (120, 90, 60, 30 min)
- Repeat, Random, Bookmark, Auto Play
- Easy to use On-screen display
- Headphone jack
- IR wireless remote control
- Connections:
  - Network:
    - Wireless IEEE 802.11b network protocol to communicate with server
    - Ethernet connections for CAT-5 link:
      · To connect wired Client via Hub to Server
  - Audio
    - Speaker Output
    - Line Out:
      · Analog Output for existing audio system
      · Audio input for external source
      · Subwoofer Output
  - On-screen video output for menu display on TV
    - Composite
- Dimensions (W x H x D): 8-1/4" x 8-1/4" x 3-1/8"
- Weight: 6.6 lbs.

IN-WALL CLIENT

MCX-C15

- Key Features:
  - Access music content from MusicCAST Distributed Audio Server
  - In-wall controller in compact design – Mounts in standard Low-voltage Dual Gang Mounting Bracket
  - 4 Assignable Favorite direct buttons on controller and remote
    - Allows user to preset button to Artist, Album, Genre, Playlists or inputs
  - Yamaha AV Link for extended IR Remote Commands and Signal repeater
- Playback from server:
  - MP3 to all clients
  - Linear PCM format to 1 Client at a time
  - Retrieve music by Artist, Album, Genre, Playlists or all songs
  - Access analog or digital external inputs from server
- Easy to read LCD display
- Timer functions:
  - Set time for Playback
  - Sleep timer (120, 90, 60, 30 min)
- Repeat, Random, Bookmark, Auto Play
- Easy to use On-screen display
- IR wireless remote control
- Connections:
  - Network:
    - Ethernet connections for CAT-5 link: Allows MCX-C15 Client to connect to server via standard computer HUB
  - Low-voltage DC power input
  - On-screen Display – Composite video output
- I/O Connections: (MCX-IB15 In/Out Box – Included with MCX-C15)
  - A/V Input Port – connects MCX-C15 controller to provide
  - Pre-amp:
    - Adjustable Fixed / Pre-amp Analog Output for existing audio system
  - On-screen video output for menu display on TV
  - IR pass-through – IR Flasher output
  - DC Power input – from external power supply
  - DC Power output – to power controller and amplifier
- MCX-C15 Controller:
  Dimensions (W x H x D)
  120mm x 120mm x 106 mm;
  4-1/2" x 4-1/2" x 4-1/8"

- MCX-IB15 In/Out Box:
  Dimensions (W x H x D)
  92mm x 112mm x 31 mm;
  3-5/8" x 4-3/8" x 1-1/4"

IN-WALL AMPLIFIER

MCX-CA15

- High quality 34-Watt digital amplifier (17W per channel)
- Designed to interface with MCX-C15 In-wall controller or as stand alone amplifier
- Mode Switch – Switch amplifier to Controller, Stand-alone with input sensing, or Stand-alone with Control input
- Connections Controlled by MCX-C15
  - In-wall Speaker Output Terminals Level
  - Analog Pre-amp:
    - Analog Output for existing audio system
    - Audio input for external source
    - Subwoofer Output
  - On-screen Display – Composite video output
  - IR pass-through – IR Flasher Output
  - DC Power pass-though circuit – to supply controller with DC power
- Connections available in Stand Alone mode:
  - In-wall Speaker Output Terminals
  - AUDIO IN – Audio input for external pre-amplified sources
  - CONTROL IN – Switches amplifier ON
- Mounts in standard Low-voltage Dual Gang Mounting Bracket
- Dimensions (W x H x D)
  120mm x 120mm x 106 mm;
  4-1/2" x 4-1/2" x 4-1/8"

PACKAGED IN-WALL SOLUTIONS

MCX-C15P

Amplified In-wall music distribution solution

Package includes:

- MCX-C15 Distributed Audio Controller
- MCX-CA15 In-wall powered Amplifier

MCX-CA15S

Local In-wall Power Amplifier solution

Stand Alone power amplifier for use with any pre-amplified audio signals from existing source components

Package includes:

- MCX-CA15 In-wall powered Amplifier
- External AC/DC Low-voltage Power Supply

MusicCAST

MUSIC MANAGEMENT & DISTRIBUTION SYSTEM

wireless, wired and in-wall solutions

for more product information,
applications and features please visit
www.yamaha.com/musiccast

YAMAHA

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